SEVENTH APPROXIMATION DATA FORM FOR CONVENTIONAL ASSESSMENT UNITS (NOGA, Version 5, 6-30-01)

IDENTIFICATION INFORMATION

Assessment Geologist:	S.B. Roberts				Date:	8/20/2002
Region:North America				Number:	5	
Province:	Province: Southwestern Wyoming				Number:	5037
	Lance-Fort Union Composite				Number:	503708
Assessment Unit:	Lance-Fort Union Con	ventional Oil and	d Gas		Number:	50370801
Based on Data as of:	NRG 2001 (data curre	nt through 1999), PI/Dwights 2	001		
Notes from Assessor	NRG Reservoir Lower	48 growth funct	ion			
	CHARACTERIS	TICS OF ASSES	SSMENT UNIT			
Oil (<20,000 cfg/bo overall) o	<u>r</u> Gas (<u>></u> 20,000 cfg/bo	overall):	Gas			
What is the minimum accumul (the smallest accumulation that		0.5 Ided to reserves	_mmboe grow in the next 30			
No. of discovered accumulation	ons exceeding minimum	ı size:	Oil:	0	Gas:	6
Established (>13 accums.)		13 accums.)		pothetical	(no accums	
	`	,		•	•	
Median size (grown) of discov	ered oil accumulation (ı	mmbo):				
	1st 3rd		2nd 3rd		3rd 3rd	
Median size (grown) of discov						
	1st 3rd	302	2nd 3rd	15	3rd 3rd	
Assessment-Unit Probabiliti Attribute	ies:		Pı	robability	of occurrer	ce (0-1.0)
1. CHARGE: Adequate petrol	leum charge for an und	iscovered accun	n. <u>></u> minimum s	size		1.0
2. ROCKS: Adequate reservo	oirs, traps, and seals for	an undiscovere	d accum. <u>></u> mi	nimum siz	ze	1.0
3. TIMING OF GEOLOGIC EV	/ENTS: Favorable timi	ng for an undisc	overed accum.	<u>></u> minimu	um size	1.0
Assessment-Unit GEOLOGI	C Probability (Product	of 1, 2, and 3):.		··· .	1.0	
4. ACCESSIBILITY: Adequa	te location to allow exp	loration for an ur	ndiscovered ac	cumulatio	n	
> minimum size	-					1.0
<u>_</u>					•••	1.0
No. of Undiscovered Accum	ulations: How many เ	ERED ACCUMU Indiscovered acc y of fixed but unl	cums. exist tha	t are <u>></u> mi	n. size?:	
Oil Accumulations:	min. no. (>0)	0	median no.	0	max no.	0
Gas Accumulations:	` '	2	median no.	30	max no.	
Sizes of Undiscovered Accu	imulations: What are for the second control of the second control	, •	•		? :	
Oil in Oil Acqueulations (mark	no): min sizo		modian siza		may ai-a	
Oil in Oil Accumulations (mmb	•	3	_median siz <u>e</u> median siz	7	max. size max. size	25
Gas in Gas Accumulations (bo	лу <i>)</i> піш. ыze	<u> </u>	IIICUIAII SIZ	ı	IIIax. SIZE	

AVERAGE RATIOS FOR UNDISCOVERED ACCUMS., TO ASSESS COPRODUCTS

(uncertainty of	f fixed but unknown v	alues)	
Oil Accumulations: Gas/oil ratio (cfg/bo) NGL/gas ratio (bngl/mmcfg)		median	maximum
Gas Accumulations: Liquids/gas ratio (bliq/mmcfg) Oil/gas ratio (bo/mmcfg)	minimum 5	median 10	maximum 15
SELECTED ANCILLARY DATA			<u> </u>

	LARY DATA FOR UNDISCOVER in the properties of undiscovered		
Oil Accumulations:	minimum	median	maximum
API gravity (degrees)Sulfur content of oil (%)			-
Drilling Depth (m)			-
Depth (m) of water (if applicable)			
Gas Accumulations:	minimum	median	maximum
Inert gas content (%)	0.1	1.5	20
CO ₂ content (%)	0.1	0.5	1.8
Hydrogen-sulfide content (%)	0	0	0
riyarogen samae content (70)			

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES

Surface Allocations (uncertainty of a fixed value)

1.	Colorado	represents_	25.08	areal % of the total assessment unit		
F V	in Oil Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum	median	maximum	
F V	s in Gas Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum		maximum	
2.	Wyoming	represents_	74.92	_areal % of the total ass	essment unit	
F V	in Oil Fields: Richness factor (unitless multiplier):. Olume % in parcel (areal % x richner) Ortion of volume % that is offshore	ess factor):	minimum		maximum	
F	s in Gas Fields: Richness factor (unitless multiplier):. Olume % in parcel (areal % x richner) Ortion of volume % that is offshore	ess factor):	minimum	median 80 0	maximum	
3.		represents_		_areal % of the total ass	essment unit	
F	in Oil Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum	<u> </u>	maximum	
F	s in Gas Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum		maximum	
4.		represents_		_areal % of the total ass	sessment unit	
F	in Oil Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum	median	maximum	
F V	s in Gas Fields: Richness factor (unitless multiplier):. Volume % in parcel (areal % x richner) Portion of volume % that is offshore	ess factor):	minimum	median	maximum	

5represents_		areal % of the total assessment unit		
Oil in Oil Fields: Richness factor (unitless multiplier):	minimum	median	maximum	
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)		<u> </u>		
\\aligned \text{\constant} \text{\constant} \\	minimum		maximum 	
6. represents		areal % of the total asse	essment unit	
Oil in Oil Fields:	minimum	 median	maximum	
Richness factor (unitless multiplier):		modian	THO ATTE	
Volume % in parcel (areal % x richness factor):		<u> </u>		
Portion of volume % that is offshore (0-100%)				
Gas in Gas Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		_		
Portion of volume % that is offshore (0-100%)				
7represents_		areal % of the total asse	essment unit	
Oil in Oil Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		_		
Portion of volume % that is offshore (0-100%)				
Gas in Gas Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		<u></u>		
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)				
8represents_		areal % of the total asse	essment unit	
Oil in Oil Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		<u></u>		
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)				
Gas in Gas Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		_		
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)				

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES

Surface Allocations (uncertainty of a fixed value)

1.	Federal Lands	represents_	66.80	areal % of the total assessment unit		
F	in Oil Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes Portion of volume % that is offshore (0	ss factor):	minimum	median	maximum	
F	s in Gas Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes) Portion of volume % that is offshore (0	ss factor):	minimum		maximum	
2.	Private Lands	represents_	28.97	_areal % of the total assessment u	nit	
F	in Oil Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes Portion of volume % that is offshore (0	ss factor):	minimum		maximum	
F	s in Gas Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes) Portion of volume % that is offshore (0	ss factor):	minimum	median 28 0	maximum	
3.	Tribal Lands	represents_		_areal % of the total assessment u	nit	
F	in Oil Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes Portion of volume % that is offshore (0	ss factor):	minimum		maximum	
F	s in Gas Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnese) Portion of volume % that is offshore (0	ss factor):	minimum	<u> </u>	maximum	
4.	Other Lands	represents_	0.01	_areal % of the total assessment u	nit	
F	in Oil Fields: Richness factor (unitless multiplier): Yolume % in parcel (areal % x richnes Portion of volume % that is offshore (0	ss factor):	minimum	median	maximum	
F \	s in Gas Fields: Richness factor (unitless multiplier): Volume % in parcel (areal % x richnes Portion of volume % that is offshore (0	s factor):	minimum		maximum	

5. CO State Lands	_represents_	1.89	_areal % of the total a	assessment ui	nit
Oil in Oil Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness			<u> </u>		
Portion of volume % that is offshore (0-				_	
Gas in Gas Fields:		minimum	mediar	า	maximum
Richness factor (unitless multiplier):			<u></u>		
Volume % in parcel (areal % x richness	s factor):		1		
Portion of volume % that is offshore (0-	·100%)		0	_	
6. WY State Lands	_represents_	2.33	areal % of the total a	assessment u	nit
Oil in Oil Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):	<u> </u>		<u></u>		
Volume % in parcel (areal % x richness					
Portion of volume % that is offshore (0-	-100%)				
Gas in Gas Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness	footor):		1		
Portion of volume % that is offshore (0-	·100%)		0		
7	_represents_		areal % of the total a	assessment ui	nit
Oil in Oil Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):				•	THO ATTENDED
Volume % in parcel (areal % x richness			_		
Portion of volume % that is offshore (0-					
Gas in Gas Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):		mmmam	modiai	•	maximam
Volume % in parcel (areal % x richness			_		
Portion of volume % that is offshore (0-			<u> </u>		
8	_represents_		areal % of the total a	assessment ui	nit
Oil in Oil Fields:		minimum	mediar	า	maximum
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness	footos).				
Portion of volume % that is offshore (0-	4000()		<u> </u>	_	
Gas in Gas Fields:		minimum	mediar	1	maximum
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness	s factor):				
Portion of volume % that is offshore (0-	·100%)				

9represents		areal % of the total assessment unit		
Oil in Oil Fields: Richness factor (unitless multiplier):	minimum	median	maximum	
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)		<u> </u>		
Gas in Gas Fields:	minimum	median	maximum	
\\aligned \text{\langle} \lang				
Portion of volume % that is offshore (0-100%)				
r stasti si velame 70 anatie shenere (s 18878)				
10represents		areal % of the total asse	ssment unit	
Oil in Oil Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		_		
Volume % in parcel (areal % x richness factor):		_		
Portion of volume % that is offshore (0-100%)				
Gas in Gas Fields:	minimum	median	maximum	
Dichnose factor (unitless multiplier):			maximam	
Volume % in parcel (areal % x richness factor):				
Derties of values of that is offshare (0.4000/)				
11. represents		areal % of the total asse	ssment unit	
TO PROGRAG			oomone ame	
Oil in Oil Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):		_		
		_		
Portion of volume % that is offshore (0-100%)				
Gas in Gas Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):	minimom	median	maximum	
Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)				
12. represents		areal % of the total asse	ssment unit	
				
Oil in Oil Fields:	minimum	median	maximum	
Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor):				
Portion of volume % that is offshore (0-100%)				
1 Statistic of volume // that is offshore (0-100/0)				
Gas in Gas Fields:	minimum	median	maximum	
Richness factor (unitless multiplier):				
Volume % in parcel (areal % x richness factor):		_		
Portion of volume % that is offshore (0-100%)				

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS Surface Allocations (uncertainty of a fixed value)

Bureau of Land Management (BLM) represents	65.30	areal % of the total assessment unit		
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor):	minimum	median	maximum	
Portion of volume % that is offshore (0-100%)				
Gas in Gas Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum	
Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)				
2. BLM Wilderness Areas (BLMW) represents		areal % of the total assessment un	it	
Volume % in parcel (areal % x richness factor):	minimum		maximum	
Portion of volume % that is offshore (0-100%)				
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor):	minimum	median	maximum	
Portion of volume % that is offshore (0-100%)		:		
3. BLM Roadless Areas (BLMR) represents		areal % of the total assessment un	it	
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum	
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum	
National Park Service (NPS) represents		areal % of the total assessment un	it	
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum	
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum	

5. NPS Wilderness Areas (NPSW) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
6. NPS Protected Withdrawals (NPSP) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
7. US Forest Service (USFS) represents	1.50	areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
\\aligned \text{\langer} \text{\langer} \\ \text{\langer} \text{\langer} \\ \l	minimum	4.57	maximum
8. <u>USFS Wilderness Areas (USFSW)</u> represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	<u></u>	maximum

9. <u>USFS Roadless Areas (USFSR)</u> represents		areal % of the total assessme	nt unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
10. <u>USFS Protected Withdrawals (USFSF</u> represents _		areal % of the total assessme	nt unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
11. US Fish and Wildlife Service (USFWS represents		areal % of the total assessme	nt unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
\\aligned \text{\langer} \text{\langer} \\ \text{\langer} \text{\langer} \\ \l	minimum		maximum
12. USFWS Wilderness Areas (USFWSW represents		areal % of the total assessme	nt unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum

13. USFWS Protected Withdrawais (USF) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	<u> </u>	maximum
14. Wilderness Study Areas (WS) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
15. Department of Energy (DOE) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
\\alima 0\\ in named \(\alpha \)	minimum		maximum
16. Department of Defense (DOD) represents		areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum

17. Bureau of Reclamation (BOR) represents areal % of the total assessmen			it unit
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
18. Tennessee Valley Authority (TVA) represents		areal % of the total assessment unit	
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
19. Other Federal represents	areal % of the total assessment unit		
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
\\aligned \text{\langer} \text{\langer} \\ \text{\langer} \text{\langer} \\ \l	minimum		maximum
20represents _	represents areal % of the total assessment unit		
Oil in Oil Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier): Volume % in parcel (areal % x richness factor): Portion of volume % that is offshore (0-100%)	minimum		maximum

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS Surface Allocations (uncertainty of a fixed value)

 Central Basin and Hills (CNBH) represents 6.05 areal % of the total assessment unit Oil in Oil Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... Portion of volume % that is offshore (0-100%)..... Gas in Gas Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... 6.05 Portion of volume % that is offshore (0-100%)..... 0 90.66 areal % of the total assessment unit 2. Greater Green River Basin (GGRV) represents Oil in Oil Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... Portion of volume % that is offshore (0-100%)..... Gas in Gas Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... 93.01 Portion of volume % that is offshore (0-100%)..... 0.94 areal % of the total assessment unit 3. North-Central Highlands (NCHL) represents Oil in Oil Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... Portion of volume % that is offshore (0-100%)..... Gas in Gas Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... 0.94 Portion of volume % that is offshore (0-100%)..... 0 4. Uinta Mountains (UTMT) represents 2.35 areal % of the total assessment unit Oil in Oil Accumulations: minimum median maximum Richness factor (unitless multiplier):.... Volume % in parcel (areal % x richness factor):... Portion of volume % that is offshore (0-100%).....

minimum

median

maximum

Gas in Gas Accumulations:

Richness factor (unitless multiplier):......

Volume % in parcel (areal % x richness factor):...

Portion of volume % that is offshore (0-100%).....

orepresents_		arear % or the total assessin	ieni unii
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u> </u>	
Volume % in parcel (areal % x richness factor):		<u> </u>	
Portion of volume % that is offshore (0-100%)		<u> </u>	
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u> </u>	
Volume % in parcel (areal % x richness factor):		<u> </u>	
Portion of volume % that is offshore (0-100%)		_	
6represents_		areal % of the total assessm	nent unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		_	
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Dichago factor (unitless multiplier):			
Valuma 0/ in parcal (areal 0/ v richness factor):		<u> </u>	
Portion of volume % that is offshore (0-100%)		_	
·			
7represents		_areal % of the total assessment unit	
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u></u>	
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u> </u>	
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
8represents_	areal % of the total assessment unit		
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			-
Portion of volume % that is offshore (0-100%)			

9. represent			_areal % of the total assessment unit	
Oil in Oil Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x richle Portion of volume % that is offshore	ness factor):	minimum		maximum
10	represents_		areal % of the total asse	essment unit
Oil in Oil Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum	median	maximum
11.	represents		_areal % of the total assessment unit	
Oil in Oil Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum	<u> </u>	maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum		maximum ———————————————————————————————————
12.	represents		_areal % of the total assessment unit	
Oil in Oil Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multiplier) Volume % in parcel (areal % x rich) Portion of volume % that is offshore	ness factor):			maximum

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES

Subsurface Allocations (uncertainty of a fixed value)

Based on Data as of:				
All Federal Subsurface	represents		_areal % of the total assess	sment unit
Oil in Oil Accumulations: Richness factor (unitless multipli Volume % in parcel (areal % x ri Portion of volume % that is offsh	chness factor):	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multipli Volume % in parcel (areal % x ri Portion of volume % that is offsh	chness factor):	minimum		maximum
2. Other Subsurface	represents_		areal % of the total assess	sment unit
Oil in Oil Accumulations: Richness factor (unitless multipli Volume % in parcel (areal % x ri Portion of volume % that is offsh	chness factor):	minimum		maximum
Gas in Gas Accumulations: Richness factor (unitless multipli Volume % in parcel (areal % x ri Portion of volume % that is offsh	chness factor):	minimum	median	maximum